

**Please add the following claims 46-60:**

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46. An isolated polynucleotide comprising:
- (a) a nucleotide sequence encoding a polypeptide having diacylglycerol acyltransferase activity, wherein the polypeptide has an amino acid sequence of at least 70% sequence identity, based on the Clustal method of alignment with multiple alignment default parameters of GAP PENALTY=10 and GAP LENGTH PENALTY=10, and pairwise alignment default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to SEQ ID NO:16, or
  - (b) <sup>a</sup>complement of the nucleotide sequence, wherein the complement and the nucleotide sequence consist of the same number of nucleotides and are 100% complementary.
47. The polynucleotide of Claim 46, wherein the amino acid sequence of the polypeptide has at least 80% sequence identity, based on the Clustal method of alignment with the default parameters, when compared to SEQ ID NO:16.
48. The polynucleotide of Claim 46, wherein the amino acid sequence of the polypeptide has at least 85% sequence identity, based on the Clustal method of alignment with the default parameters, when compared to SEQ ID NO:16.
49. The polynucleotide of Claim 46, wherein the amino acid sequence of the polypeptide has at least 90% sequence identity, based on the Clustal method of alignment with the default parameters, when compared to SEQ ID NO:16.
50. The polynucleotide of Claim 46, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity, based on the Clustal method of alignment with the default parameters, when compared to SEQ ID NO:16.
51. The polynucleotide of Claim 46, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:16.
52. The polynucleotide of Claim 46 wherein the nucleotide sequence comprises SEQ ID NO:15
53. A vector comprising the polynucleotide of Claim 46.
54. A recombinant DNA construct comprising the polynucleotide of Claim 46 operably linked to at least one regulatory sequence.
55. A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 46.
56. A cell comprising the recombinant DNA construct of Claim 54.
57. A method for producing a plant comprising transforming a plant cell with the polynucleotide of Claim 46 and regenerating a plant from the transformed plant cell.

58. A plant comprising the recombinant DNA construct of Claim 54.
59. A seed comprising the recombinant DNA construct of Claim 54.
60. A method of altering the level of expression of a diacylglycerol acyltransferase in a host cell comprising: (a) transforming a host cell with the recombinant DNA construct of Claim 54; and (b) growing the transformed host cell under conditions that are suitable for expression of the recombinant DNA construct wherein expression of the recombinant DNA construct results in production of altered levels of the diacylglycerol acyltransferase in the transformed host cell.
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